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The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

355 Lexington Avenue
New York, New York 10017
(212) 573-9400

FOR THE MONTH AND PERIOD ENDED MAY, 1983

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y.

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS AS COMPILED BY ERNST & WHINNEY

1983 ISSUE NO.5
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The figures published in this report are reflective of the relevant segment of the industry. In accordance with SPI policy and regulations of the Committee on Resin Statistics, figures will not be published which tend to identify, directly or indirectly, a participant's individual data. Any figures withheld to avoid disclosure are identified by the letter "D" at the applicable line or space of the report. A line will be identified by a "D" if one company has more than 65% of that line, or if there are less than four companies reporting on that line.

PART 300/400
NON-PART 400/500

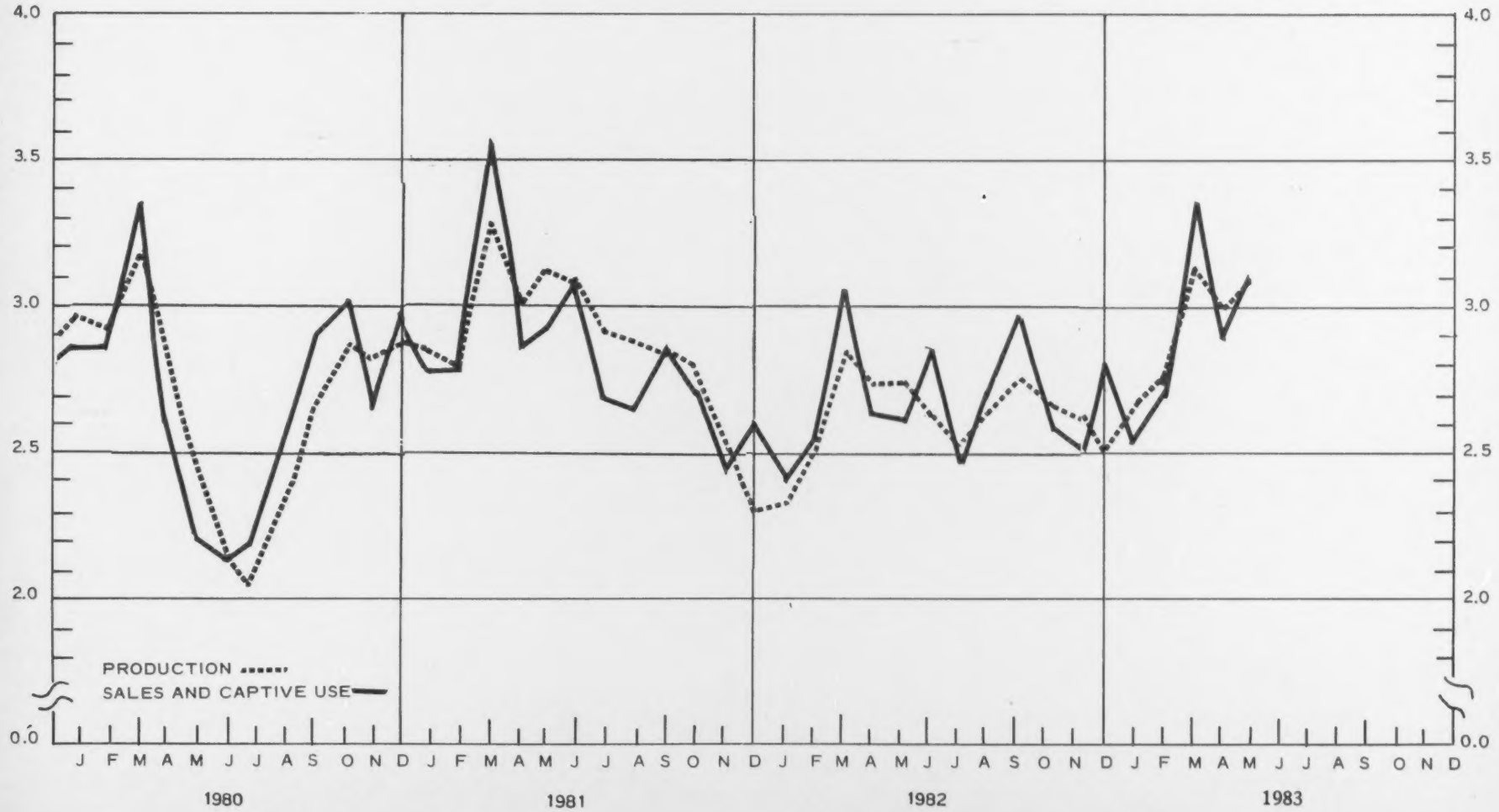
MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)

MAY, 1983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PRODUCTION
SALES AND CAPTIVE USE
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1980
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COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

SPI

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis) (1)

CRS

MAY 1983

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
EPOXY RESINS, TOTAL	26,915	25,334	+6.2	128,817R	131,704	-2.2	30,459	28,565	+6.6	144,249	134,999	+6.9
POLYESTER *(UNSATURATED)* RESINS, TOTAL	93,929	75,968	+23.6	414,293R	369,952	+12.0	94,372	77,967	+21.0	419,403	378,148	+10.9
UREA RESINS, TOTAL	104,544	79,464	+31.6	478,801R	388,341	+23.3	105,107	82,704	+27.1	481,445R	399,852	+20.4
MELAMINE RESINS, TOTAL	15,122	12,142	+24.5	72,579R	64,188	+13.1	15,646	12,853	+21.7	73,087R	68,052	+7.4
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	197,693	162,216	+21.9	982,884R	814,257	+20.7	193,237	156,905	+23.2	961,057R	789,831	+21.7
THERMOSETTING RESINS, TOTAL	438,203	355,124	+23.4	2,077,374R	1,768,442	+17.5	438,821	358,994	+22.2	2,079,241R	1,770,882	+17.4
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	642,860	548,765	+17.1	3,151,421	3,079,859	+2.3	700,812	639,314	+9.6	3,251,140R	3,098,581	+4.9
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	468,291	414,940	+12.9	2,134,457	1,997,105	+6.9	413,040	411,168	+0.5	2,178,008	2,015,732	+8.1
POLYPROPYLENE, TOTAL	365,159	292,629	+24.8	1,737,758	1,544,393	+12.5	364,169	287,079	+26.9	1,778,108	1,502,617	+18.3
ACRYLONITRILE-BUTADIENE-STYRENE *(ABS)* RESINS, TOTAL	D	D		D	D		D	D		D	D	
STYRENE-ACRYLONITRILE *(SAN)* RESINS, TOTAL	7,438	6,893	+7.9	37,512	35,368	+6.1	8,958	10,128	-11.6	39,221	48,192	-18.6
OTHER STYRENE BASED POLYMERS, TOTAL *40% or more styrene* (3)	103,080	80,208	+28.5	467,518R	367,151	+27.3	95,604	80,562	+18.7	468,224R	354,463	+32.1
POLYSTYRENE, TOTAL	299,557	265,868	+12.7	1,393,108	1,283,062	+8.6	283,117	282,958	+0.1	1,354,674	1,310,083	+3.4
STYRENE BUTADIENE LATEXES, TOTAL *Carboxylated, 45% styrene content and over.*	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL *50% or more styrene including styrene butadiene latexes not carboxylated* (4)	60,771	40,083	+51.6	272,157	203,586	+33.7	66,026	46,104	+43.2	281,287	209,332	+34.4
NYLON RESINS, TOTAL	26,394	22,242	+18.7	125,824R	107,569	+17.0	26,764	20,294	+31.9	118,956R	98,390	+20.9
POLYVINYL CHLORIDE & COPOLYMERS - *(DRY RESIN CONTENT)*, TOTAL	544,067	491,650	+10.7	2,610,518R	2,344,833	+11.4	556,136	479,528	+16.0	2,503,244	2,276,745	+9.9
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	58,417	45,484	+28.4	280,137R	234,728	+19.3	58,417	45,484	+28.4	280,137R	234,728	+19.3
POLYVINYL ALCOHOL, TOTAL #	10,532	D		54,320	D		12,023	D		48,135	D	
OTHER VINYL RESINS, TOTAL	14,243	14,433	-1.3	67,537R	72,503	-6.8	16,582	18,514	-10.4	80,411R	82,038	-2.0
THERMOPLASTIC POLYESTER, TOTAL	66,022	52,017	+26.9	296,118	262,914	+12.6	62,728	61,760	+1.6	289,213	277,765	+4.1
THERMOPLASTIC RESINS, TOTAL	2,666,831	2,275,212	+17.2	12,628,385R	11,533,071	+9.5	2,664,376	2,382,893	+11.8	12,670,758R	11,508,666	+10.1
GRAND TOTAL	3,105,034	2,630,336	+18.1	14,705,759R	13,301,513	+10.6	3,103,197	2,741,887	+13.2	14,749,999R	13,279,548	+11.1

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

D = Disclosure
R = Revision
(3) = Includes ABS
(4) = Includes Styrene Butadiene Latexes

Includes imputed data.

(1) *Except phenolic resins which are reported on a gross weight basis.*

* = *These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual Production of PVAc is significantly higher than that shown here.*

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SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In metric tons, dry weight basis) (1)

CRS

MAY 1983

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION *					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
EPOXY RESINS, TOTAL	12,208	11,491	+6.2	58,431R	59,740	-2.2	13,816	12,957	+6.6	65,431	61,235	+6.9
POLYESTER *(UNSATURATED)* RESINS, TOTAL	42,606	34,459	+23.6	187,922R	167,809	+12.0	42,807	35,366	+21.0	190,240	171,527	+10.9
UREA RESINS, TOTAL	47,421	36,045	+31.6	217,183R	176,150	+23.3	47,676	37,514	+27.1	218,382R	181,372	+20.4
MELAMINE RESINS, TOTAL	6,859	5,508	+24.5	32,922R	29,115	+13.1	7,097	5,830	+21.7	33,152R	30,868	+7.4
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	89,673	73,581	+21.9	445,833R	369,344	+20.7	87,652	71,172	+23.2	435,933R	358,265	+21.7
THERMOSETTING RESINS, TOTAL	198,767	161,084	+23.4	942,291R	802,158	+17.5	199,048	162,839	+22.2	943,138R	803,267	+17.4
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	291,599	248,918	+17.1	1,429,475	1,397,015	+2.3	317,886	289,991	+9.6	1,474,707R	1,405,507	+4.9
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	212,415	188,215	+12.9	968,183	905,881	+6.9	187,354	186,505	+0.5	987,938	914,330	+8.1
POLYPROPYLENE, TOTAL	165,635	132,736	+24.8	788,242	700,532	+12.5	165,186	130,218	+26.9	806,544R	681,583	+18.3
ACRYLONITRILE-BUTADIENE-STYRENE *(ABS)* RESINS, TOTAL	D	D		D	D		D	D		D	D	
STYRENE-ACRYLONITRILE *(SAN)* RESINS, TOTAL	3,374	3,127	+7.9	17,015	16,043	+6.1	4,063	4,594	-11.6	17,790	21,860	-18.6
OTHER STYRENE BASED POLYMERS, TOTAL *40% or more styrene* (3)	46,757	36,382	+28.5	212,065R	166,539	+27.3	43,366	36,543	+18.7	212,385R	160,783	+32.1
POLYSTYRENE, TOTAL	135,878	120,597	+12.7	631,910	581,993	+8.6	128,421	128,349	+0.1	614,476	594,250	+3.4
STYRENE BUTADIENE LATEXES, TOTAL *Carboxylated, 45% styrene content and over.*	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL *50% or more styrene including styrene butadiene latexes not carboxylated* (4)	27,566	18,182	+51.6	123,430	92,346	+33.7	29,949	20,913	+43.2	127,591	94,952	+34.4
NYLON RESINS, TOTAL	11,972	10,089	+18.7	57,073R	48,793	+17.0	12,140	9,205	+31.9	53,958R	44,629	+20.9
POLYVINYL CHLORIDE & COPOLYMERS - *(DRY RESIN CONTENT)*, TOTAL	246,787	223,011	+10.7	1,184,123R	1,063,609	+11.4	252,262	217,512	+16.0	1,135,464	1,032,725	+9.9
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	26,498	20,631	+28.4	127,069R	106,472	+19.3	26,498	20,631	+28.4	127,069R	106,472	+19.3
POLYVINYL ALCOHOL, TOTAL #	4,777	D		24,639	D		5,454	D		21,834	D	
OTHER VINYL RESINS, TOTAL	6,461	6,547	-1.3	30,648R	32,887	-6.8	7,521	8,398	-10.4	36,474R	37,212	-2.0
THERMOPLASTIC POLYESTER, TOTAL	29,947	23,595	+26.9	134,318	119,257	+12.6	28,453	28,014	+1.6	131,186	125,993	+4.1
THERMOPLASTIC RESINS, TOTAL	1,209,666	1,032,030	+17.2	5,728,210R	5,231,367	+9.5	1,208,553	1,080,873	+11.8	5,747,416R	5,220,296	+10.1
GRAND TOTAL	1,408,433	1,193,114	+18.1	6,670,501R	6,033,525	+10.6	1,407,601	1,243,712	+13.2	6,690,554R	6,023,563	+11.1

For the purpose of this table, one metric ton equals 2,204.6 pounds. On a monthly basis, the calculation of metric tons from thousands of pounds may not agree precisely due to rounding.

D = Disclosure
R = Revision
(3) = Includes ABS
(4) = Includes Styrene Butadiene Latexes

(1) *Except phenolic resins which are reported on a gross weight basis.*

#Includes imputed data.

* = *These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual Production of PVAc is significantly higher than that shown here.*

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOSETTING RESINS

MAY 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
EPOXY RESINS, TOTAL	26,915	25,334	+6.2	128,817R	131,704	-2.2	30,459	28,565	+6.6	144,249	134,999	+6.9
Total Exports	2,965	3,320	-10.7	13,175	16,882	-22.0						
Total Domestic	23,950	22,014	+8.8	115,642R	114,822	+0.7						
Bonding & Adhesives	1,378	1,227	+12.3	6,673	6,854	-2.6						
Flooring, Paving & Exposed Aggregate	1,325	1,417	-6.5	6,771	7,313	-7.4						
Protective Coatings	10,701	10,190	+5.0	52,309	53,309	-1.9						
Fiber Reinforced Laminates & Composites, Total	5,312	4,818	+10.3	25,350	26,952	-5.9						
FRL & C for Printed Wiring Board	3,718	*		17,422	*							
All Other FRL & C	1,594	*		7,928	*							
Tooling, Casting & Molding Resins	2,343	2,342	0.0	11,635	10,963	+6.1						
All Other Uses	2,891	2,020	+43.1	12,904R	9,431	+36.8						
POLYESTER *(UNSATURATED)* RESINS, TOTAL	93,929	75,968	+23.6	414,293R	369,952	+12.0	94,372	77,967	+21.0	419,403	378,148	+10.9
Exports, Total	704	837	-15.9	4,078	3,953	+3.2						
Domestic, Total	93,225	75,131	+24.1	410,215R	365,999	+12.1						
General Purpose Resins, Total	83,709	66,790	+25.3	365,800R	322,365	+13.5						
General Purpose – Thixotropic	40,936	30,158	+35.7	164,863	146,679	+12.4						
General Purpose – Press Molding	11,483	7,600	+51.1	51,084	39,270	+30.1						
General Purpose – All Other	31,290	29,032	+7.8	149,853R	136,416	+9.9						
Flame Retardant Resins	1,676	1,600	+4.7	7,931	8,668	-8.5						
Chemical Resistant Resins	7,840	6,741	+16.3	36,484	34,966	+4.3						
Chemical Resistant Isophthalic Resins	5,303	4,641	+14.3	24,822	23,423	+6.0						
All Other Chemical Resistant Resins	2,537	2,100	+20.8	11,662	11,543	+1.0						
Reinforced Plastics, Total	72,812	55,919	+30.2	315,634R	274,905	+14.8						
Non-Reinforced Plastics, Total	20,413	19,212	+6.3	94,581R	91,094	+3.8						

COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

* = Comparable 1982 data not available
R = Revision

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis) (1)

THERMOSETTING RESINS

MAY 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
UREA RESINS, TOTAL	104,544	79,464	+31.6	478,801R	388,341	+23.3	105,107	82,704	+27.1	481,445R	399,852	+20.4
MELAMINE RESINS, TOTAL	15,122	12,142	+24.5	72,579R	64,188	+13.1	15,646	12,853	+21.7	73,087R	68,052	+7.4
UREA & MELAMINE RESINS, TOTAL	119,666	91,606	+30.6	551,380R	452,529	+21.8	120,753	95,557	+26.4	554,532R	467,904	+18.5
Total Exports	1,322	1,316	+0.5	8,754R	6,514	+34.4						
Total Domestic	118,344	90,290	+31.1	542,626R	446,015	+21.7						
Textile Treating & Coating Resins	D	D		D	D		D	D		D	D	
Paper Treating & Coating Resins	6,253	5,071	+23.3	26,083	26,743	-2.5	6,610	5,262	+25.6	35,386	27,994	+26.4
Molding Compounds	5,948	3,865	+53.9	28,083R	18,620	+50.8	6,497	4,036	+61.0	29,769R	18,819	+58.2
Bonding & Adhesive Resins for:	90,672	70,948	+27.8	412,037R	346,331	+19.0	91,216	73,138	+24.7	418,543R	353,866	+18.3
Laminating	3,459	2,169	+59.5	14,527R	12,135	+19.7	3,302	2,143	+54.1	14,428R	12,384	+16.5
Plywood	4,922	5,268	-6.6	26,279R	28,211	-6.8	5,124	5,535	-7.4	27,069R	28,632	-5.5
Fibrous & Granulated Wood (Particle Board)	82,291	63,511	+29.6	371,231R	305,985	+21.3	82,790	65,460	+26.5	377,046R	312,850	+20.5
Protective Coatings *(Straight & Modified)*	6,855	4,724	+45.1	32,152R	25,353	+26.8	7,818	5,501	+42.1	34,847R	32,022	+8.8
All Other Uses *(Includes Textile Treating & Coating Resins)*	8,616	5,682	+51.6	44,271R	28,968	+52.8	8,612	7,620	+13.0	35,987R	35,203	+2.2
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	197,693	162,216	+21.9	982,884R	814,257	+20.7	193,237	156,905	+23.2	961,057R	789,831	+21.7
Total Exports	1,555	1,322	+17.6	7,605	7,349	+3.5						
Total Domestic	196,138	160,894	+21.9	975,279R	806,908	+20.9						
Molding Compounds	19,620	15,128	+29.7	94,135	80,209	+17.4	23,596	14,833	+59.1	107,470	83,300	+29.0
Bonding & Adhesive Resins for:	172,714	141,966	+21.7	861,814R	709,388	+21.5	165,747	138,180	+20.0	833,701R	687,828	+21.2
Laminating	13,471	11,351	+18.7	67,056R	55,601	+20.6	10,952	10,101	+8.4	56,040	47,752	+17.4
Coated & Bonded Abrasives	2,117	1,922	+10.1	11,459	12,227	-6.3	2,015	1,976	+2.0	11,166	11,567	-3.5
Friction Materials	2,624	2,324	+12.9	12,531R	11,088	+13.0	2,955	2,499	+18.2	12,255R	11,350	+8.0
Insulation Materials	27,366	25,817	+6.0	128,516R	129,344	-0.6	25,623	24,385	+5.1	120,119R	121,950	-1.5
Foundry & Shell Molding	4,536	4,491	+1.0	24,599	25,740	-4.4	4,523	4,837	-6.5	25,000	26,659	-6.2
Plywood	99,518	77,746	+28.0	508,033	386,480	+31.5	96,699	76,709	+26.1	498,409	379,349	+31.4
Fibrous & Granulated Wood	15,698	13,085	+20.0	76,383R	57,135	+33.7	15,333	11,979	+28.0	74,978R	54,701	+37.1
Resins Sold to Rubber Industry	2,448	1,652	+48.2	10,691	9,513	+12.4	2,412	1,694	+42.4	11,792	9,898	+19.1
All Other	4,936	3,578	+38.0	22,546	22,260	+1.3	5,235	4,000	+30.9	23,942	24,602	-2.7
Protective Coatings – Unmodified & Modified	1,408	1,463	-3.8	7,785	7,555	+3.0	1,706	1,456	+17.2	8,429	8,595	-1.9
# Resins Sold to Rubber Industry, Non-Adhesive Uses	D	D		D	D		D	D		D	D	
All Other Uses #	2,396	2,337	+2.5	11,545	9,756	+18.3	2,188	2,436	-10.2	11,457	10,108	+13.3

(1) *Except phenolic resins which are reported on a gross weight basis.*

D = Disclosure
R = Revision

 # = Due to Disclosure Problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

MAY 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	642,860	548,765	+17.1	3,151,421	3,079,859	+2.3	700,812	639,314	+9.6	3,251,140R	3,098,581	+4.9
Exports, Total	92,021	88,414	+4.1	367,468	468,924	-21.6						
Domestic, Total	550,839	460,351	+19.7	2,783,953	2,610,935	+6.6						
Film *(12 Mils & Below)*	350,712	281,936	+24.4	1,795,007	1,656,405	+8.4						
Sheet *(Over 12 Mils)*	D(3)	D(3)		D(3)	D(3)							
Injection Molding	45,040	37,099	+21.4	226,825	197,504	+14.8						
Wire & Cable	25,164	20,854	+20.7	126,882	123,578	+2.7						
Extrusion Coating	48,338	42,017	+15.0	227,696	228,432	-0.3						
Blow Molding	3,672	3,917	-6.3	14,653	18,838	-22.2						
Pipe & Conduit, Total	D(1)	D(1)		D(1)	D(1)							
Corrugated Pipe & Conduit	D	*		D	*							
Non-Corrugated Pipe & Conduit	D	*		D	*							
Other Extruded Products	6,060	3,520	+72.2	23,904	19,243	+24.2						
All Other Uses	71,853	71,008	+1.2	368,986	366,935	+0.6						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	468,291	414,940	+12.9	2,134,457	1,997,105	+6.9	413,040	411,168	+0.5	2,178,008	2,015,732	+8.1
Exports, Total	74,315	52,796	+40.8	360,153	233,996	+53.9						
Domestic, Total	393,976	362,144	+8.8	1,774,304	1,763,109	+0.6						
Film *(12 Mils & Below)*	31,915	19,316	+65.2	132,271	108,940	+21.4						
Sheet *(Over 12 Mils)*	6,265	5,577	+12.3	29,770	25,702	+15.8						
Injection Molding	104,976	93,578	+12.2	442,255	454,911	-2.8						
Wire & Cable	7,860	8,903	-11.7	46,560	49,035	-5.0						
Extrusion Coating	D(2)	D(2)		D(2)	D(2)							
Blow Molding	147,302	139,844	+5.3	690,300	710,154	-2.8						
Pipe & Conduit, Total	40,218	37,938	+6.0	162,784	155,042	+5.0						
Corrugated Pipe & Conduit	18,387	*		70,184	*							
Non-Corrugated Pipe & Conduit	21,831	*		92,600	*							
Other Extruded Products	4,022	3,287	+22.4	14,900	17,098	-12.9						
All Other Uses	51,418	53,701	-4.3	255,464	242,227	+5.5						

D = Disclosure
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COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y. FOR SPI'S COMMITTEE ON RESINS STATISTICS (CRS)

* = Comparable 1982 data not available.

(1) = Included in All Other Uses.
(2) = Included in Other Extruded Products.
(3) = Included in Film.

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

MAY 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
POLYPROPYLENE, TOTAL	365,159	292,629	+24.8	1,737,758	1,544,393	+12.5	364,169	287,079	+26.9	1,778,108	1,502,617	+18.3
Exports, Total	57,023	63,804	-10.6	312,932	299,415	+4.5						
Domestic, Total	308,136	228,825	+34.7	1,424,826	1,244,978	+14.4						
Injection Molding	104,842	89,783	+16.8	500,340	462,236	+8.2						
Appliances	7,814	6,610	+18.2	38,040	30,815	+23.4						
Consumer Products	23,774	22,770	+4.4	127,347	122,122	+4.3						
Rigid Packaging	31,961	21,784	+46.7	147,309	119,276	+23.5						
Transportation	22,455	22,058	+1.8	103,115	86,261	+19.5						
All Other Injection Molding	18,838	16,561	+13.7	84,529	103,762	-18.5						
Blow Molding	6,604	4,954	+33.3	32,118	28,329	+13.4						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film *(10 Mils & Below)*	28,696	20,313	+41.3	144,412	126,589	+14.1						
Sheet *(Over 10 Mils)*	2,808	1,739	+61.5	10,736	7,093	+51.4						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	99,882	68,574	+45.7	467,961	366,021	+27.9						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	7,965	6,966	+14.3	43,766	37,841	+15.7						
Resellers & Compounders	41,916	*		156,916	*							
All Other Uses	15,423	36,496	n.c.	68,577	216,869	n.c.						

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 # = Includes Ext. Coating, Wire & Cable, Pipe & Conduit

* = Comparable 1982 data not available.

n.c. = Not comparable.

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THERMOPLASTIC RESINS

MAY 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
ACRYLONITRILE-BUTADIENE-STYRENE *(ABS)* RESINS, TOTAL	D	D		D	D		D	D		D	D	
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE-ACRYLONITRILE *(SAN)* RESINS, TOTAL	7,438	6,893	+7.9	37,512	35,368	+6.1	8,958	10,128	-11.6	39,221	48,192	-18.6
Total Exports	844	725	+16.4	3,811	5,332	-28.5						
Total Domestic	6,594	6,168	+6.9	33,701	30,036	+12.2						
OTHER STYRENE BASES POLYMERS, TOTAL *40% or more styrene* (3)	103,080	80,208	+28.5	467,518R	367,151	+27.3	95,604	80,562	+18.7	468,224R	354,463	+32.1
Export, Total	8,876	5,815	+52.6	43,988R	34,195	+28.6						
Domestic, Total	94,204	74,393	+26.6	423,530R	332,956	+27.2						
Molding & Extrusion	88,090	*		398,091R	*							
Coatings	6,114	*		25,439	*							
POLYSTYRENE RESINS, TOTAL	299,557	265,868	+12.7	1,393,108	1,283,062	+8.6	283,117	282,958	+0.1	1,354,674	1,310,083	+3.4
Straight Polystyrene	154,501	134,116	+15.2	720,427R	665,324	+8.3	146,002	151,713	-3.8	716,754	684,086	+4.8
Rubber-Modified Polystyrene	145,056	131,752	+10.1	672,681R	617,738	+8.9	137,115	131,245	+4.5	637,920	625,997	+1.9
Exports, Total	5,515	9,517	-42.1	32,942	42,579	-22.6						
Straight Polystyrene	2,427	5,428	-55.3	17,273	25,054	-31.1						
Rubber-Modified Polystyrene	3,088	4,089	-24.5	15,669	17,525	-10.6						
Domestic, Total	294,042	256,351	+14.7	1,360,166	1,240,483	+9.6						
Molding	128,976	117,560	+9.7	571,189	549,016	+4.0						
Extrusion	98,223	84,927	+15.7	480,670	428,949	+12.1						
Expandable Polystyrene Beads	38,445	34,927	+10.1	172,643	167,839	+2.9						
All Other Uses	28,398	18,937	+50.0	135,664	94,679	+43.3						
Polystyrene End uses, Total **	294,042	256,351	+14.7	1,360,166	1,240,483	+9.6						
Packaging	79,674	86,650	-8.1	339,381	406,212	-16.5						
Disposables	35,579	*		181,337	*							
Consumer and Institutional Products	37,970	55,468	-31.2	196,003	259,311	-24.4						
Electrical/Electronics	23,725	24,941	-4.9	121,421	115,548	+5.1						
Furniture, Furnishings, Building and Construction	13,792	15,104	-8.7	63,975	67,263	-4.9						
Expandable Polystyrene Beads	38,445	34,927	+10.1	172,643	167,839	+2.9						
All Other End Uses	64,857	39,261	+65.2	285,406	224,310	+27.2						

D = Disclosure
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(3) = Includes ABS

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** = *Portions of the End Use Section are Estimated.*
* = Comparable 1982 data not available.

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

MAY 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
STYRENE BUTADIENE LATEXES, TOTAL *carboxylated, 45% styrene content and over.*	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED, LATEXES, TOTAL *50% or more styrene including butadiene latexes not carboxylated.*	D	D		D	D		D	D		D	D	
STYRENE BUTADIENE & OTHER STYRENE BASED LATEXES, TOTAL ***	60,771	40,083	+51.6	272,157	203,586	+33.7	66,026	46,104	+43.2	281,287	209,332	+34.4
Paper Treating	3,060	1,935	+58.1	12,795	10,100	+26.7						
Textile Treating	1,733	1,009	+71.8	7,960	6,437	+23.7						
Carpet Backing	27,074	15,592	+73.6	115,910	78,598	+47.5						
All Other Uses (Including Exports & Paper Coating)	28,904	21,547	+34.1	135,492	108,451	+24.9						
NYLON RESINS, TOTAL	26,394	22,242	+18.7	125,824R	107,569	+17.0	26,764	20,294	+31.9	118,956R	98,390	+20.9
Total Exports	1,477	1,706	-13.4	8,103	7,710	+5.1						
Total Domestic	24,917	20,536	+21.3	117,721R	99,859	+17.9						
Injection Molding Grade	15,815	13,119	+20.6	74,326R	60,688	+22.5						
Extrusion Grade	6,971	5,687	+22.6	35,065R	29,917	+17.2						
Resellers and Compounders	1,620	1,386	+16.9	6,014R	6,816	-11.8						
All Other Uses	511	344	+48.5	2,316	2,438	-5.0						

*** . *Old disclosure rules apply for Styrene Butadiene Section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials see the back of the cover of the report.*

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THERMOPLASTIC RESINS

MAY 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
POLYVINYL CHLORIDE & COPOLYMERS *(Dry Resin Content)*, **TOTAL**	544,067	491,650	+10.7	2,610,518R	2,344,833	+11.4	556,136	479,528	+16.0	2,503,244	2,276,745	+9.9
Homopolymer Resins including Blending and Latex	486,274	438,913	+10.8	2,334,544R	2,075,397	+12.5	498,140	428,929	+16.1	2,238,416	2,010,754	+11.3
Copolymer Resins including Blending and Latex	24,371	22,815	+6.8	113,350	120,201	-12.3	23,018	22,918	+0.4	112,878	117,535	-4.0
Dispersion Resins	33,422	29,922	+11.7	162,624	140,235	+16.0	34,978	27,681	+26.4	151,950	148,456	+2.4
Total Exports	45,030	50,994	-11.7	236,262	267,898	-11.8						
Total Domestic	499,037	440,656	+13.3	2,374,256R	2,076,935	+14.3						
Calendering, Total	61,929	48,511	+27.7	289,335	248,342	+16.5						
Flooring	13,802	10,923	+26.4	65,249	60,172	+8.4						
Textile	9,133	4,619	+97.7	39,931R	25,663	+55.6						
All Other Calendering Uses	38,994	32,969	+18.3	184,155R	162,507	+13.3						
Coating, Total	31,309	21,320	+46.9	145,851	104,893	+39.0						
Flooring	15,200	8,325	+82.6	60,845	35,205	+72.8						
Textile & Paper Coating	8,852	7,006	+26.3	48,047	36,552	+31.4						
Protective Coatings	3,897	2,969	+31.3	18,455	15,540	+18.8						
Adhesives & All Other Coating Uses	3,360	3,020	+11.3	18,504	17,596	+5.2						
Extrusion, Total	302,080	293,151	+3.0	1,474,733	1,346,597	+9.5						
Wire & Cable	26,552	26,873	-1.2	146,499	139,533	+5.0						
Film & Sheet	24,052	31,729	-24.2	124,718	136,735	-8.8						
Rigid Pipe & Tubing *(Except Fittings)*	209,268	193,031	+8.4	978,749	881,867	+11.0						
All Other Extrusions	42,208	41,518	+1.7	224,767	188,462	+19.3						
Molding, Total	38,811	30,254	+28.3	188,757R	144,848	+30.3						
Bottles	14,544	8,751	+66.2	59,710	40,643	+46.9						
Sound Records	7,729	9,391	-17.7	50,775R	46,345	+9.6						
Fittings *(Rigid Pipe & Tubing)*	9,880	7,483	+32.0	44,637	37,802	+18.1						
All Other Molding	6,658	4,629	+43.8	33,635	20,058	+67.7						
Paste Processes *(Except Coating)*	13,205	15,135	-12.8	69,556	73,836	-5.8						
Plastisol Formulation	8,003	6,609	+21.1	38,424	34,198	+12.4						
All Other	5,202	8,526	-39.0	31,132	39,638	-21.5						
Resellers & Compounders	20,498	11,795	+73.8	84,535	62,889	+34.4						
All Other Uses	31,205	20,490	+52.3	121,489	95,530	+27.2						

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(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

MAY 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	58,417	45,484	+28.4	280,137R	234,728	+19.3						
Total Exports	494	640	-22.8	3,092R	2,562	+20.7						
Total Domestic	57,923	44,844	+29.2	277,045R	232,166	+19.3						
Emulsion Paints	18,303	14,526	+26.0	85,682R	68,001	+26.0						
Adhesives, Caulks and Sealants	22,982	17,616	+30.5	112,301R	94,863	+18.4						
Paper Treating & Paper Coating	9,652	7,035	+37.2	47,623R	38,646	+23.2						
Textile Treating	2,039	1,448	+40.8	8,141	7,943	+2.5						
Non-Woven Binders	2,802	2,332	+20.2	13,124R	11,096	+18.3						
All Other Uses	2,145	1,887	+13.7	10,174	11,617	-12.4						
POLYVINYL ALCOHOL, TOTAL #	10,532	D		54,320	D		12,023	D		48,135	D	
Total Exports	1,549	D		8,729	D							
Total Domestic	8,983	D		45,591	D							
OTHER VINYL RESINS*, TOTAL	14,243	14,433	-1.3	67,537R	72,503	-6.8	16,582	18,514	-10.4	80,411R	82,038	-2.0
Total Exports	3,292	2,935	+12.2	15,435	15,470	-0.2						
Total Domestic	10,951	11,498	-4.8	52,102R	57,033	-8.6						
THERMOPLASTIC POLYESTER, TOTAL	66,022	52,017	+26.9	296,118	262,914	+12.6	62,728	61,760	+1.6	289,213	277,765	+4.1
Total Exports	9,905	4,373	+126.5	31,224	19,840	+57.4						
Total Domestic	56,117	47,644	+17.8	264,894	243,074	+9.0						
PET Bottle Grades	42,287	37,908	+11.6	198,011	194,685	+1.7						
All Other Thermoplastic Polyester**	13,830	9,736	+42.1	66,883	48,389	+38.2						

*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride.

** Includes All Other PET and All Injection Molding Grades.

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